

# **SwitchBot Evaporative Humidifier (Auto-refill)**

## **User Manual**



Please read this user manual carefully before using your device.

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## IMPORTANT SAFETY INSTRUCTIONS

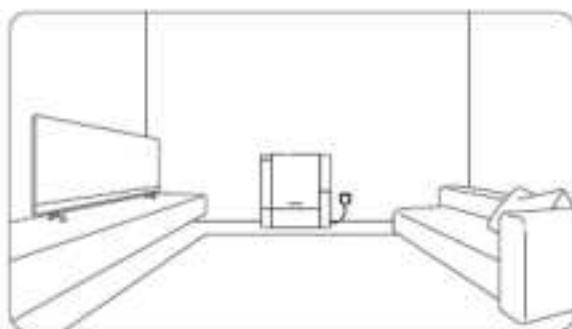
**This product should be used only in accordance with the instructions outlined in this manual. Usage other than what has been specified here may result in serious injury.**

When using electrical appliances, basic precautions should always be followed to reduce the risk of fire, electrical shock and injury to persons, including the following:

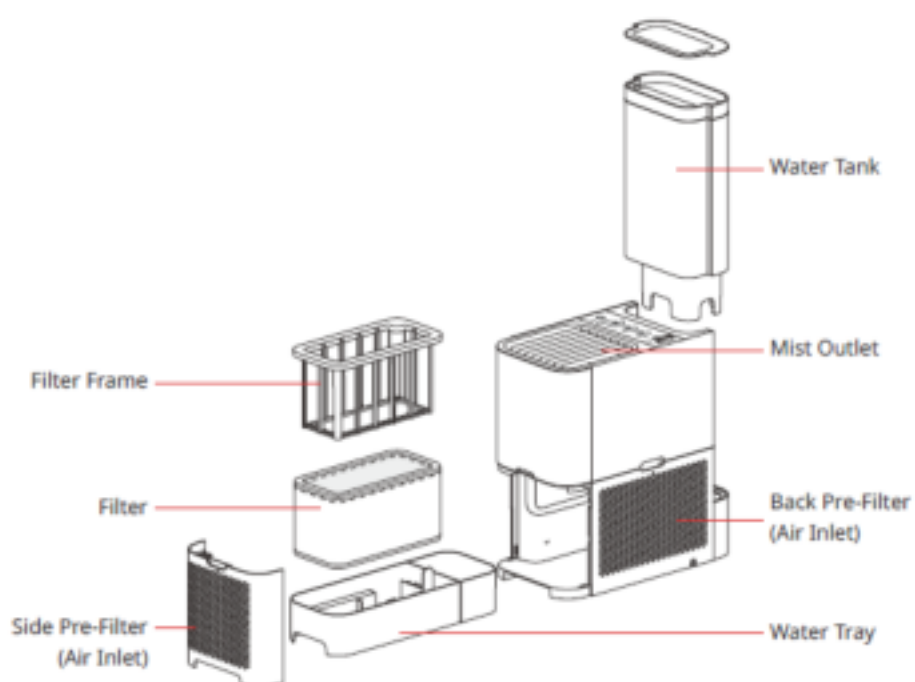
1. The humidifier should always be placed on a firm, flat, waterproof surface at least four feet (1.2 m) away from bedside, twelve inches (30cm) from the wall, and out of reach of patients, children and pets.
2. The humidifier should not be left unattended in a closed room since air could become saturated and leave condensation on walls and furniture. Leave room door partly open.
3. Before using the humidifier, extend the cord and inspect for any signs of damage. Do not use the unit if the cord has been damaged.
4. Caution: To avoid fire or shock hazards, plug the humidifier directly into a 120V AC electrical outlet. To avoid risk of fire, shock or personal injury, do not use an extension cord or power strip.
5. The humidifier should always be unplugged and emptied when not in operation or while being cleaned. Shut off and unplug humidifier before moving. Do not move or tilt humidifier while it is in operation. Plug and unplug humidifier with dry hands. Never pull by cord.
6. Do not operate the appliance without water. Turn off and unplug unit when tank is empty.
7. Caution: To avoid the risk of fire, shock or personal injury, do not use an extension cord.
8. This appliance requires regular cleaning. Refer to and follow the Care and Cleaning instructions.
9. Do not operate outdoors. This appliance is intended for indoor use only.
10. Do not cover or insert objects into any openings on the unit.
11. Do not attempt to repair or adjust any electrical or mechanical functions on this appliance. Doing so will void your warranty.
12. Do not add any medications into Mist Outlet, Water Tray, or Water Tank.
13. Do not touch the steam vapor. Steam can cause burns.
14. This product produces hot steam and should be placed in an area not accessible to children or pets. Ensure the power cord is also securely out of reach.
15. For Residential Use Only.

## Placement

- Do not use the humidifier near walls, ceiling, or furniture as steam can damage them and cause mold due to condensation.
- Do not use the humidifier on heat-sensitive items like tablecloths.
- Do not use the humidifier under direct sunlight or in places with high temperature and humidity, or it may malfunction or disform.
- Do not place the humidifier near any heat sources such as stoves, radiators, and heaters.
- Do not place the humidifier on a high place (like on a piano). Dropping may cause malfunction or disformation.
- Do not use the humidifier near radios, TVs, wireless devices and intercom systems to prevent interference.
- Do not direct steam at other appliances. Steam may cause fire, malfunction, discoloration or deformation.



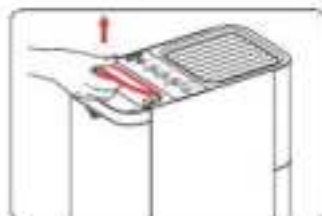
## List of Components



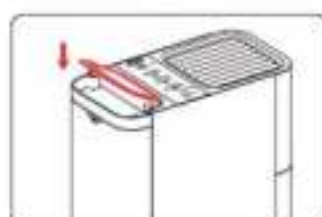
## Setting Up Your Humidifier

### Filling/Refilling

1. Open the tank lid and remove the water tank.

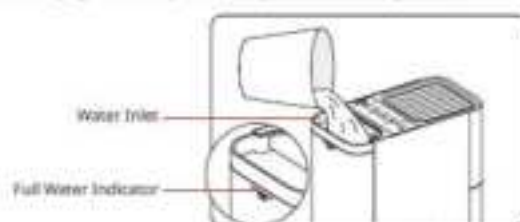


2. Fill the tank with water, put it back in the unit, and cover it with the lid.



Fill with tap water from the water inlet.

- If you use a kettle to fill the water tank, position the kettle spout at the edge for easy filling, reducing splashes.
- If the humidifier body gets wet, please wipe it with a dry cloth.



### Use tap water only

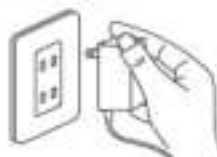
Avoid using anything other than tap water, such as:

- Hot water over 40°C or water with detergent, which can cause filter deformation or malfunction.
- Water containing chemicals, fragrances, essential oils, etc.
- Alkaline ion water, spring water, well water, and hot spring water, which can lead to mold and bacteria growth. (This device uses a UV lamp for sterilization. UV light can effectively kill bacteria and inhibit their growth.)

Note: If you must use well water, increase the frequency of maintenance for your water tank and filter.

## Plug in the humidifier

Plug your humidifier into an outlet with dry hands.



## Add your humidifier to our app

You will need:

- A smartphone or tablet using Bluetooth 4.2 or later.
- The latest version of our app, downloadable via the Apple App Store or Google Play Store.
- A SwitchBot account, you can register via our app or sign in to your account directly if you already have one.

Please note: if you intend to use the Cloud Service feature, you will need a SwitchBot Hub (sold separately).



Open our app, tap "+" located at the right-hand corner of the home page, and select Add Device. Find the device icon and select, follow the instructions to add your humidifier.

- Our app is regularly updated. Follow the in-app instructions to add your device.
- Registering an account or adding a device will not compromise your privacy, data is only for ensuring normal use of your devices.

## Pair with SwitchBot Meter

1. Open our app, and add your SwitchBot Meter to your account.
2. Pair your humidifier and Meter.

## Alexa voice commands

After adding your humidifier to our app, you can control it using Alexa voice commands.

Try saying:

"Alexa, turn on/off the humidifier."

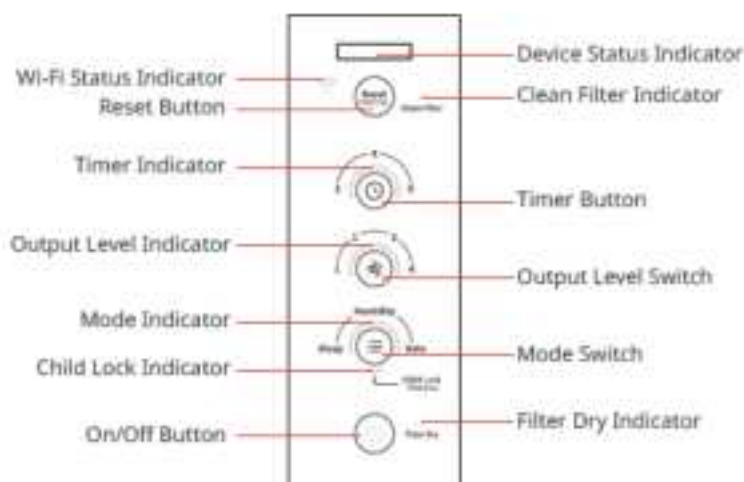
"Alexa, set the humidifier to Auto mode"

For more utterances, scan the QR code below.



## Using Your Humidifier

### Control Panel



### Controls

#### 1. On/Off Button

Turn on the humidifier or make it on standby.

#### 2. Filter Dry

When the humidifier stops operating, it will start to dry the filter automatically and the Filter Dry indicator will illuminate. The drying process will last about 60 minutes. You can press the On/Off button once to exit the process.

#### 3. Mode Switch / Child Lock

Press to cycle through Sleep, Humidity, and Auto mode.

##### Humidity mode

The humidifier will automatically maintain a target humidity level of 60%. You can also set the humidity level from 40% to 70% via our app.

##### Auto mode

The humidifier will automatically change and maintain a target humidity level based on room temperature.

- Room temperature: <18°C, target humidity: 65%
- Room temperature: 18°C ~ 24°C, target humidity: 60%
- Room temperature: >24°C, target humidity: 55%



### **Sleep mode**

When not paired with SwitchBot Meter: after running at level 2 for half an hour, your humidifier will switch to level 1 with an output of 200ml/h. The indicator light will turn soft, and you can also turn it off via our app.

When paired with SwitchBot Meter: your humidifier will run quietly at level 2. When the humidity exceeds 60%, your humidifier will switch to level 1 with an output of 200ml/h. The indicator light will turn soft, and you can also turn it off via our app.

Note: to use Humidity mode and Auto mode, you need to pair your humidifier with a SwitchBot Meter via our app.

### **Child Lock**

Child Lock mode helps prevent intervention by children. Press and hold the Mode Switch button for 3 seconds to enable Child Lock. To exit this mode, press and hold the button for 3 seconds again. The Child Lock Indicator will illuminate or go out to indicate the on/off status of this mode.

Note: the control panel will be disabled in Child Lock mode, please use our app to control.

## **4. Output Level Switch**

1/2/3/4: the humidifier runs with different amounts of output at different levels. Refer to the specifications for detailed information.

### **Over-Humidity Protection**

When ambient humidity exceeds 70%, the humidifier will automatically turn off and send you a notification via our app. This feature also requires a SwitchBot Meter to be paired with your humidifier.

## **5. Timer**

You can set a timer of 2, 4 or 6 hours. The humidifier will automatically turn off once the timer is finished.

- The timer indicator will change as time passes to indicate the remaining time.
- Before setting a timer, check the water tank and make sure there is enough water. Your humidifier may turn off before the timer is finished due to low water.

Please note: depending on the set operating mode and indoor humidity, your humidifier may turn off before the timer is finished even if the water tank is full. You can set a timer between 0 and 24 hours via our app.

## **6. Maintenance**

When the humidifier has been used for 240 hours, the Clean Filter indicator will illuminate automatically.

Please follow the steps below to clean your device:

- Unplug your humidifier.
- Open the water tank lid, remove the water tank, then remove the pre-filter on the side. Finally, remove the bottom water tray.
- Wash and clean the water tank, pre-filter, filter, and filter frame as needed. Then install these parts back on your device.
- Plug in your humidifier. Reset the filter timer via our app, and the Clean Filter Indicator will go out on your device.

Please note: please clean the parts mentioned above regularly to avoid bacteria growth or scale buildup, which may result in bad smell or lower output.

## 7. Reset Button

The Clean Filter indicator will illuminate when your humidifier has been operating for 240 hours in total. After cleaning or replacing the filter, press the Reset button for 3 seconds to reset the time.

If you have cleaned or replaced the filter before the indicator lights up, you need to press the Reset button in order to reset the time.

Note: please clean the filter regularly to avoid possible lower output or bad smell after long time usage.

## 8. Wi-Fi Status Indicator

Flashes slowly: the humidifier is in pairing mode.

Flashes rapidly: the humidifier is connecting to the Internet.

Solid white: the humidifier is connected to the Internet.

## Usage Tips

### Precautions

- Remove the water tank and the base when there is a risk of freezing. Running the device with frozen water may cause malfunctions.
- Do not place any objects on the device.
- Do not lift the device to pour out water. This can let water into the device and cause damage.



### Handling the humidifier



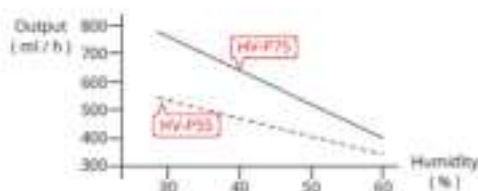
Hold the left and right handles to lift or transport the humidifier.

Please note: Before moving, shut off and unplug the humidifier, and wait until it cools down. Remove the bottom water tray and pour out any water in it to ensure no water leaked when moving the humidifier.



### The impact of indoor temperature and humidity on mist output

- When the indoor humidity is high or temperature is low, water evaporates less easily, reducing mist output (the decreasing rate of water in the tank slows down at this time).
- Depending on where your paired Meter is placed (such as near walls or windows that can be affected by air conditioning and heating equipment), the current humidity reading of your humidifier may vary from other Meter devices.



### Specifications

Power	24V/1A			
Operating Level	4	3	2	1
Power	26 W	17 W	8 W	6 W
Rated Output	750ml/h	500ml/h	300ml/h	200ml/h
Duration	6.5h	10h	18h	30h
Noise Level	<40dB			<20dB
Material	ABS/ABS+PC			
Color	White			
Water Tank Capacity	4.5L			
Size	380 × 200 × 402.5 mm (15 x 7.9 x 15.8 in.)			
Weight	6.1 kg (215.2 oz.)			
Power Cable Length	1.5 m (4.9 ft.)			
Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)			
Operating Humidity	1% to 100% RH			
Network Connectivity	2.4 GHz Wi-Fi; Bluetooth Low Energy 4.2 or above			
System Requirements	IOS 12.0+, Android OS 5.0+, watchOS 4.0+			
1. The standby power of the humidifier is approximately 1.5W (when plugged in), and the power during drying filter is about 3W.				
2. The output of the humidifier depends on the room temperature and humidity level.				

## Device Alert Descriptions

Alerts	Device Action/Status	Alert Form
Water tank lifted	Water tank is lifted.	App notifications + device sound alarm
Water low/full	Water level is too low or is about to be full.	App notifications
Out of water	Water tank is out of water.	App notifications + red indicator light flashing
Tilted	Device tilts over 10° when operating.	App notifications + device auto shutoff
Filter not in position	Filter is removed.	App notifications + device sound alarm

## Care and Cleaning

Clean the filter and each part of the unit when the Clean Filter Indicator illuminates or regularly for optimum performance.

When any of the following situations happen, clean promptly:

- Humidifier produces bad smells.
- Water level in the tank doesn't decrease when operating.
- Water in the base discolors.



Warning: the humidifier should always be unplugged while being cleaned.

### Water Tank (Clean daily)

Rinse with clean water. For stubborn stains, use citric acid to remove. Refer to Cleaning Methods using citric acid.



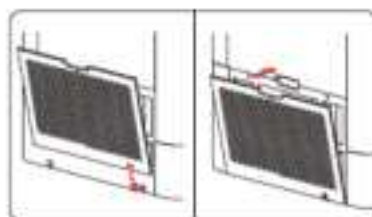
### Pre-Filter (Clean monthly)

Use a vacuum to clean the pre-filter or wash with water.

### Removing and Installing the Pre-Filter

1. Insert the protrusions on the pre-filter into the holes on the unit.
2. Press the back pre-filter onto the unit until you hear a click.
3. Install the side pre-filter (air inlet) in the same way.

Note: refrain from operating the humidifier without the pre-filter installed. Dust intake can cause internal damage leading to malfunctions. If the pre-filter is damaged, please replace it.



### Unit Body (Clean monthly)

Wipe with a cloth.

### Water Tray (Clean monthly)

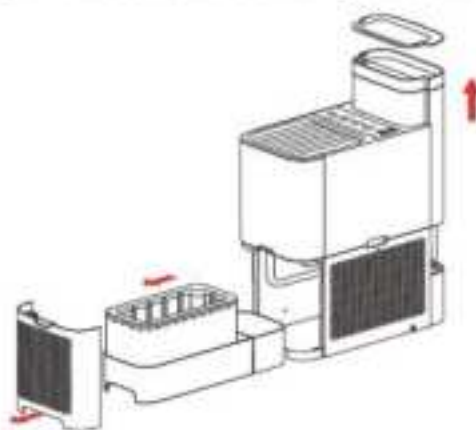
Clean only using clear water.

- Minor dirt can be removed using cotton swabs or toothbrushes.
- Do not disassemble the float, which is made of polystyrene.
- For persistent grime, use citric acid to remove.
- Remove the water tray to clear the water inside. Do not lift the device to pour out water. This can let water into the device and cause damage.



### How to Remove Water Tray

1. Remove the water tank.
  2. Disassemble the side pre-filter.
  3. Hold the unit body with one hand, and pull out the water tray slowly.
- Please note: the water tray cannot be removed without taking out the water tank first.



### Filter (Clean monthly)

Rinse with clean or warm water.

- Avoid using a brush on the filter.
- Do not dry with a dryer as it may shrink the filter.
- Keep the filter moist when installing the filter back after cleaning.
- If you worry about persistent stains and odors, refer to cleaning methods using citric acid.

Note: care frequency is based on usage time. We recommend cleaning the filter every 240 hours. The Clean Filter Indicator will also illuminate to remind you.



### Replacing the filter

When the humidifier has run for 10 years (under the condition of 8 hours daily use and regular maintenance), you will need to replace the filter. After replacement, reset the filter usage time in our app. The filter's lifespan may vary due to water quality and usage. Replace promptly if:

- The water in the tank does not decrease during use.
- Severe discoloration or heavy dirt is present.
- The filter is severely damaged.
- The filter has shrunk significantly.

### Filter Frame (Clean monthly)

Rinse with clean water. For persistent grime, refer to cleaning methods using citric acid.



### Do not use the following detergents

- Only use a neutral kitchen use detergent. Using others may discolor, deteriorate, or even damage the resin parts of the device.
- Use only oxygen bleach suitable for humidifiers.



## Cleaning Methods Using Citric Acid

### Citric Acid

Add two packs or two spoons of citric acid (about 20g) to every 3L of clean warm water (below 40°C).





## Cleaning steps

1. Dissolve the citric acid thoroughly in warm water.
  - High concentration of citric acid can damage the device parts.
  - Neutral detergent for kitchen use is also suitable, but it may not remove odors and stains thoroughly.
2. Put the parts to be cleaned in the dissolved warm water detergent, and wait for about 30 minutes.
3. Rinse the parts with clean water 2 or 3 times to wash off the detergent. Residual citric acid can cause odors or device malfunctions.

Note: Only the filter can be treated with oxygen bleach to remove odors.

## When Not in Use for an Extended Period

If you are planning not to use the humidifier for an extended period of time, please follow these steps before keeping your device in storage:

1. Use the Filter Dry mode to dry the filter.
2. Unplug the device.
3. Empty and clean the water tank and water tray. Complete all the maintenance work following the methods above.
  - Keep the interior dry to prevent rust-induced malfunctions.
  - Ensure the filter is thoroughly dry to prevent mold.
4. Cover the device with a plastic bag and store in a dry, cool place.

## Resetting Factory Settings

Press and hold the On/Off button for 15 seconds until the status indicator lights up and then goes out. Now your device has been reset successfully.

## Firmware Upgrades

In order to improve user experience, we will regularly release firmware updates to introduce new functions and solve any software defects that may occur during usage. When a new firmware version is available, we will send an upgrade notification to your account via our app. When upgrading, please make sure your product is powered on and make sure your smartphone is within range to prevent interference.



## Troubleshooting

Q: Why is there no mist coming out when my humidifier is operating?

A:

The humidifier works with evaporative humidification, which means you will NOT see the moisture output.

Q: My humidifier isn't working.

A:

1. Check if your humidifier is plugged in.
2. Check if the water tank is properly in place.
3. The humidifier automatically stops operating when its paired Meter reaches 70% and above.

Q: My humidifier is plugged in but still does not work.

A: Check if the water tank is lack of water. The humidifier cannot work without water in the tank.

Q: The humidification efficiency decreased.

A: Check if the pre-filter (air inlet) is blocked by dust or the filter is covered with dust or water. Clean the filter as needed.

Q: Why does the humidification noticeably decrease in certain seasons?

A: In humid rainy seasons or cold winter, the clothes you wash and hang in the room are not easy to dry. The humidification will also vary with the room's temperature and humidity. In a warm and dry environment, the humidification will increase.

Q: The water level in the tank doesn't decrease while operating.

A: Check if the pre-filter (air inlet) is blocked by dust and clear any blockages. Also, check if the water is murky and clean the dirt in the tray.

Q: The mist output is very cold.

A: The humidifier absorbs heat when water evaporates, making the output cooler than room temperature.

Q: Why do I still feel output from the humidifier after turning off it?

A: After the humidifier turns off, it will automatically start to dry the filter and operate at a low level for 55 minutes. This process will help prevent bacteria growth and cool down the humidifier.

Q: Is the humidifier equipped with a temperature and humidity sensor?

A: No, it isn't. The temperature and humidity sensor needs to be purchased separately. If the humidifier has a humidity sensor, it can only detect the humidity near the device, which may differ from the room's overall humidity. You will have a better experience by purchasing a SwitchBot Meter series product.

Q: There is odor emitted from my humidifier.

A: Please clean the filter.

Q: A foreign object has fallen into the air outlet.

A: Turn off your humidifier, unplug it from the socket, remove the water tank and water tray. Then remove the object.

Please visit our website or scan the QR code below for more information.



## Warranty

We warrant to the original owner of the product that the product will be free from defects in materials and workmanship. Please note that this limited warranty does not cover:

1. Products submitted beyond the original limited warranty period.
2. Products on which repairs or modifying have been attempted.
3. Products subjected to falls, extreme temperatures, water, or other operating conditions outside the product specifications.
4. Damage due to natural disaster (including but not limited to lightning, flood, tornado, earthquake, or hurricane, etc.).
5. Damage due to misuse, abuse, negligence or casualty (e.g. fire).
6. Other damage that is not attributable to defects in the manufacture of product materials.
7. Products purchased from unauthorized resellers.
8. Consumable parts (including but not limited to batteries).
9. Natural wear of the product.

## Contact & Support

Setup and Troubleshooting: [support.switch-bot.com](https://support.switch-bot.com)

Support Email: [support@switch-bot.com](mailto:support@switch-bot.com)

Feedback: If you have any concerns or problems when using our products, please send feedback via our app through the Profile > Help & Feedback page.

## CE Warning

To comply with RF exposure requirements, a minimum separation distance of 20 cm must be maintained between the user's body and the device, including the antenna. Use only the supplied or an approved antenna. This device is in compliance with the essential requirements and other relevant provisions of directive 2014/53/EU. All essential radio test suites have been carried out.

### CE DOC

Hereby, Woan Technology (Shenzhen) Co., Ltd. declares that the radio equipment type ( W3902300 ) is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: [support.switch-bot.com](http://support.switch-bot.com)

This product can be used in EU member states and UK.

Manufacturer: Woan Technology (Shenzhen) Co., Ltd.

Address: Room 1101, Qiancheng Commercial Center, No. 5 Haicheng Road, Mabu Community, Xixiang Subdistrict, Bao'an District, Shenzhen, Guangdong, P.R.China, 518100

BLE: 2402 MHz to 2480 MHz

Wi-Fi: 2412 MHz to 2472 MHz

Operation temperature: 0 to 40 °C

EU Importer Name: Amazon Services Europe

Importer Address: 38 Avenue John F Kennedy, L-1855 Luxembourg

## FCC Warning

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

### FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.